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(71) Applicant (for all designated States except US): **ABB**  
**AB [SE/SE]; Kopparbergsvägen 2, S-721 83 VÄSTERÅS**  
**(SE).**

(72) Inventors; and

(75) Inventors/Applicants (for US only): **KOCK, Sönke**

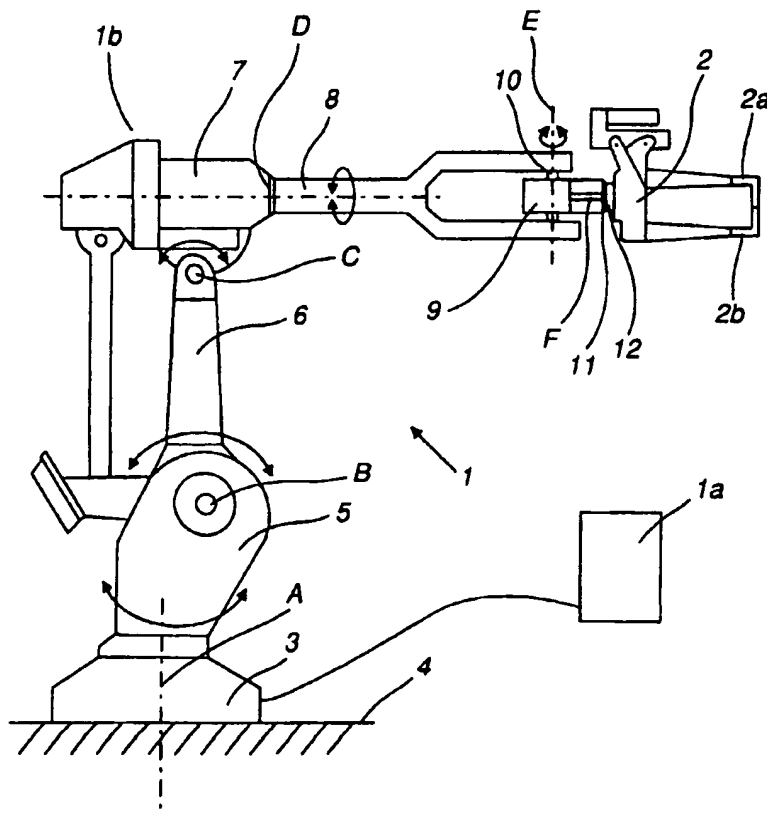
[DE/DE]; Im Schöffentuhl 22, 64319 Pfungstadt (DE).  
**LUTHARDT, Colln [DE/SE]; Ålgatan 5, S-723 49**  
**VÄSTERÅS (SE). MÜLLER, Christian H. [DE/DE];**  
**Bordhofstrasse 2, DE-68526 LADENBURG (DE).**  
**OLOFSSON, Åke [SE/SE]; Rödergatan 6, S-723 48**  
**VÄSTERÅS (SE).**

(74) Agent: **ABB AB; Legal & Compliance/Intellectual Property,**  
**Forskargränd 8, S-721 78 VÄSTERÅS (SE).**

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(54) Title: **METHOD IN INDUSTRIAL ROBOT SYSTEM**



(57) Abstract: The invention comprises a method of an industrial robot (1), comprising a control unit (1) and a manipulator (1) including a tool (1) comprising a defined TCP and a device for determining a distance error ( $d^*$ ) between an inaccurately programmed position (plp) for a spot (1) on a surface (1) of a work piece (1) and a corresponding actual position (plw).



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